

AMENDMENTS TO THE SPECIFICATION:

Please **replace** the "Abstract of the Invention" with the following **new** paragraph:

-- A method and system for locating a vascular opening and therapeutically sealing the wound
5 with high intensity focused ultrasound (HIFU) is disclosed. A control unit (6) coupled to an
applicator unit includes a processor (74) which automates the disclosed procedure, controlling
various parameters of the diagnostic and therapeutic modes, including the intensity and
duration of the ultrasonic energy emitted by the applicator unit. --

10 Please **replace** the "Related Application" with the following **new** paragraph:

-- This application is a continuation of Application No. 09/696,076, filed October 10, 2000, which
claimed benefit under 35 U.S.C. § 119(e) of U.S. Provisional Application No. 60/171,703, filed
December 23, 1999. This application is related to Application Serial No. 09/747,310, filed
December 22, 2000, the entire contents of which is hereby incorporated by reference. --

15 Please **replace** the paragraph beginning at Page 9, Line 7 with the following **rewritten**
paragraph:

-- Nevertheless, since imaging of the vascular target site is preferable and will employ echo
processing (especially Doppler), Figure 2 also illustrates a reception controller ~~78~~ 88, which will
20 include conventional amplification and signal conditioning circuitry as needed.--